

Listing of the Claims:

1. (Currently Amended) A piston for a combustion engine with a skirt section in which two piston pinholes are located to receive a pin, the improvement comprising the surface of the piston pinholes having a plurality of crater-shaped indentations where the indentations are circular, said crater-shaped indentations configured to carry oil and to prevent the oil from flowing away during a change in contact wherein the indentations are introduced into the piston pin hole surfaces at room temperature.

2. (Cancelled)

3. (Previously Presented) The piston of claim 1, wherein the indentations can be introduced into the piston pin hole surfaces by a blasting medium which has a definite grain.

4. (Original) The piston of claim 3, wherein the blasting medium is a shotpeening medium.

5. (Original) The piston of claim 1, wherein the indentations can be introduced into the piston pin hole surfaces by a blasting medium which has a definite grain

6. (Currently Amended) The piston of claim 5 further comprising the step of shot peening the pin hole surfaces shot peened with the blasting medium at a velocity so that the blasting medium creates the indentations upon impact without penetrating the material of the pin hole surfaces.

7. (Currently Amended) The piston of claim 6 further comprising the step of inducing residual compressive stress in the pin hole surfaces subjected to residual compressive stress through cold working during the shot peening step through cold working the pin hole surfaces with the blasting medium.

8. (Currently Amended) A piston for a combustion engine with a skirt section having two piston pinholes therein located for receiving a pin, the improvement comprising the step of

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introducing a plurality of circular crater-shaped indentations into the piston pin holes by the steps comprising:

shot peening the piston pin hole surfaces by a blasting material;

configuring the crater-shaped indentations to carry oil and to prevent the oil from flowing away during a change in contact; and

during the shot peening step, inducing residual compressive stress in the pin hole surface by a cold working process.